

UNITED STATES PATENT AND TRADEMARK OFFICE



UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231 www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/486,012	05/15/2000	SIMON J. FENNEY	R&GCASE305	3729
759	90 10/28/2002			
FLYNN THIEL BOUTELL & TANIS			EXAMINER	
2026 RAMBLING ROAD			CAO, HUEDUNG X	
KALAMAZOO, MI 49008-1699				
			ART UNIT	PAPER NUMBER
			2671	
			DATE MAILED: 10/28/2002	

Please find below and/or attached an Office communication concerning this application or proceeding.

		g g
	Application No.	Applicant(s)
	09/486,012	FENNEY, SIMON J.
Office Action Summary	Examiner	Art Unit
	Huedung X Cao	2671
The MAILING DATE of this communication apperiod for Reply	pears on the cover sheet with the o	orrespondence address
A SHORTENED STATUTORY PERIOD FOR REPL THE MAILING DATE OF THIS COMMUNICATION. - Extensions of time may be available under the provisions of 37 CFR 1. after SIX (6) MONTHS from the mailing date of this communication. - If the period for reply specified above is less than thirty (30) days, a rep - If NO period for reply is specified above, the maximum statutory period - Failure to reply within the set or extended period for reply will, by statut - Any reply received by the Office later than three months after the mailin earned patent term adjustment. See 37 CFR 1.704(b).	I 36(a). In no event, however, may a reply be ting the statutory minimum of thirty (30) day will apply and will expire SIX (6) MONTHS from the cause the application to become ABANDONE	nely filed s will be considered timely. the mailing date of this communication. D (35 U.S.C. § 133).
Status	Maria 0000	
1) Responsive to communication(s) filed on <u>15</u>		
, <u> </u>	nis action is non-final.	
3) Since this application is in condition for allow closed in accordance with the practice under		
Disposition of Claims	•	
4)⊠ Claim(s) <u>20-36</u> is/are pending in the applicati	on.	
4a) Of the above claim(s) is/are withdra	wn from consideration.	•
5) Claim(s) is/are allowed.		
6)⊠ Claim(s) <u>20-36</u> is/are rejected.		
7)⊠ Claim(s) is/are objected to.		
8) Claim(s) are subject to restriction and/o	or election requirement.	
Application Papers		
9) The specification is objected to by the Examine		minor
10) The drawing(s) filed on is/are: a) access applicant may not request that any objection to the	•	
11) The proposed drawing correction filed on		
If approved, corrected drawings are required in re		over by the Examiner.
12) The oath or declaration is objected to by the Ex	•	
Priority under 35 U.S.C. §§ 119 and 120		
13) Acknowledgment is made of a claim for foreig	n priority under 35 U.S.C. § 119(a	a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:		, , , , , , , , , , , , , , , , , , , ,
1. Certified copies of the priority documen	ts have been received.	
2. Certified copies of the priority documen	ts have been received in Applicat	ion No
Copies of the certified copies of the price application from the International But the complex of the price application from the International But the certified copies of the price application from the International But the certified copies of the price application from the certified copies of the certi		ed in this National Stage
* See the attached detailed Office action for a list		ed.
14) Acknowledgment is made of a claim for domest	tic priority under 35 U.S.C. § 119(e) (to a provisional application).
 a) The translation of the foreign language pr 15) Acknowledgment is made of a claim for domes 		
Attachment(s)	- 9	
1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO-1449) Paper No(s)	5) Notice of Informal	y (PTO-413) Paper No(s) Patent Application (PTO-152)

DETAILED ACTION

Claim Rejections - 35 USC § 103

- 1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:
 - (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.
- 2. Claims 20-26, and 29-34 are rejected under 35 U.S.C. 103(a) as being unpatentable over Nagasawa (US 6,061,065).

As per claim 20, and a similar claim 29, Nagasawa teaches a method for shading a three dimensional textured computer graphic image comprising the steps of:

providing data defining the three dimensional computer graphic image (Nagasawa, col. 2, lines 26-29);

providing a set of surface normal vectors corresponding to the texture data for the image wherein the surface normal vectors are stored in a local coordinate system (Nagasawa, col. 6, lines 28-30);

providing data defining at least one light source and its direction illuminating the image wherein the light source is defined in the same local coordinate system (Nagasawa, col. 4, lines 25-44);

ì

Application/Control Number: 09/486,012

Art Unit: 2671

for each pixel in the image, deriving a shading value to be applied to that pixel from the set of surface normal vectors and the light source data which Nagasawa does not explicitly disclose. However, Nagasawa's surface shade becomes manifest when the reflection of the scattered light is increased implies the step of deriving a shading value as claimed (Nagasawa, col. 5, lines 41-42). Thus, it would have been obvious to one of ordinary skill in the art at the time the invention was made to derive a shading value to be applied to that pixel in order to render the surfaces in the graphics display image of a three dimensional object by taking into account surface characteristics and position with respect to light sources.

As per claim 21, and a similar claim 30, in which the surface normal vectors are stored in polar coordinates (Nagasawa, col. 1, line 66-col. 2, line 7)).

As per claim 22, and a similar claim 31, in which the light source data is stored in polar coordinates (Nagasawa, col. 6, line 20-col. 7, line 24).

As per claim 23, in which the step of deriving a shading value to be applied to a pixel comprises deriving a color value and a blending value from the light source data and combining this color value with existing color data from that pixel in dependence on the blending value (Nagasawa, col., lines 20-27).

As per claim 24, and a similar claim 32, in which the surface normal vector is stored in Cartesian coordinates (Nagasawa, col. 7, lines 10-24).

As per claim 25, and a similar claim 33, in which the light source data is stored in Cartesian coordinates (Nagasawa, col. 6, lines 5-27).

As per claim 26, and a similar claim 34, in which for each surface normal only two of the Cartesian coordinates are stored (Nagasawa, col. 7, lines 10-24).

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all

obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

4. Claims 27, and 35 is rejected under 35 U.S.C. 103(a) as being unpatentable over

Nagasawa (US 6,061,065) in view of Shirman et al. (US #6151029).

As per claim 27, and a similar claim 35, applying a linear filter to the texture data

at least once to map values to individual pixels (Shirman, col.2, lines 4-17). It would

have been obvious to one of ordinary skill in the art at the time the invention was made

to apply a filter to the texture in order to improve the effect of texture mapping onto

objects.

Application/Control Number: 09/486,012

Art Unit: 2671

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all

obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior at are such that the subject matter as a whole would have been obvious at the time the

the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains.

Patentability shall not be negatived by the manner in which the invention was made.

6. Claims 28, and 36, rejected under 35 U.S.C. 103(a) as being unpatentable over

Nagasawa (US 6,061,065) in view of Shirman et al. (US #6151029) and further in view

of Gholizadeh et al. (US #5369737).

As per claim 28, and a similar claim 36, applying a glossiness parameter to a

pixel (Gholizadeh, col. 7, lines 17-31). It would have been obvious to one of ordinary

skill in the art at the time the invention was made to apply a glossiness to the pixels in

order to improve the effect of texture mapping onto objects.

Page 5

Inquires

Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Huedung Cao** whose telephone number is (703) 308-5024.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mark Zimmerman, can be reached at (703) 305-9798.

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks

Washington, D.C. 20231

or faxed to:

(703) 872-9314 (for Technology Center 2600 only)

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA, Sixth Floor (Receptionist).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Technology Center 2600 Customer Service Office whose telephone number is (703) 306-0377.

Huedung Cao Patent Examiner

CLIFF N. VO PRIMARY EXAMINER any interpreter assistance to Plaintiff when requested . . . it may support a finding that remedies were rendered unavailable.").

In the present case, Defendant Brian Williams explains that while HDSP's operational procedures are only printed in English, the prison will attempt to provide an interpreter upon request. (Deft. Brian Williams' Answers to Pl.'s Requests for Admissions 4:27–5:2, Ex. D to App. Pl.'s MSJ, ECF No. 30). However, Plaintiff provides no allegations or evidence that he requested translation or interpreter assistance from Defendants to help him through the grievance process, or that Defendants denied him access to requested assistance. To the contrary, Plaintiff was able to submit his grievance in Spanish and the Inspector General advised that Plaintiff receive a Spanish response. Cf Beltran-Ojeda, 2013 WL 6059242, at *3 (finding that remedies may be rendered unavailable when prison officials refuse to accept Spanish grievances). Further, Defendants provide evidence that Plaintiff has submitted grievances in English and that he has previously identified his primary language as English. (Case Note Printout Report at 2, Ex. A to Defts.' Reply, ECF No. 42-2) (note from February 14, 2019, stating that Plaintiff's "primary language is English"); (Inmate Grievance Report, Ex. B to Defts' Reply, ECF No. 42-3). See also Sosa v. Cleaver, No. 3:03cv1707 (DJS) (TPS), 2005 WL 1205119, at *3 (D. Conn. May 18, 2005) (finding that the lack of a Spanish inmate handbook is not a special circumstance justifying the failure to file a grievance because the plaintiff has used the grievance process and all pleadings have been submitted in English).

Accordingly, because Plaintiff failed to seek out language assistance, his alleged lack of familiarity with English is "no excuse" for failing to exhaust his administrative remedies, and thus, Plaintiff did not meet his burden to demonstrate that administrative remedies were effectively unavailable to him. *See Lang Vo Tran*, WL 816630, at *8. As such, the Court grants summary judgement in favor of Defendants.

25 ||

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

1	IV. <u>CONCLUSION</u>
2	IT IS HEREBY ORDERED that Defendants' Motion for Summary Judgment, (EC)
3	No. 33), is GRANTED .
4	IT IS FURTHER ORDERED that Plaintiff's Motion for Summary Judgment, (ECF
5	No. 31), is DENIED .
6	IT IS FURTHER ORDERED that Plaintiff's Motion to Take Judicial Notice, (ECF
7	No. 44), and Plaintiff's Motion to Request Case Summary, (ECF No. 46), are DENIED as
8	moot.
9	The Clerk of Court shall close this case.
10	DATED this 10 day of March, 2022.
11	
12	
13	Gloria M. Navarro, District Judge United States District Court
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	